

522, 219

Rec'd PCT/PTO 24 JAN 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 February 2004 (12.02.2004)

PCT

(10) International Publication Number
WO 2004/013859 A1

- (51) International Patent Classification⁷: **G11B 27/32**, (74) Agents: **COUR, Pierre et al.**; 46, Quai Alphonse Le Gallo, F-92100 BOULOGNE BILLANCOURT (FR).
G06F 17/30
- (21) International Application Number: **PCT/EP2003/007332**
- (22) International Filing Date: **8 July 2003 (08.07.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
02/09786 **24 July 2002 (24.07.2002)** **FR**
- (71) Applicant (*for all designated States except US*): **THOMSON LICENSING SA [FR/FR]**; 46, Quai Alphonse Le Gallo, F-92100 BOULOGNE BILLANCOURT (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **SALAUN, Frédéric [FR/FR]**; 2 rue des Liorbes, F-35140 SAINT AUBIN DU CORMIER (FR). **ABELARD, Franck [FR/FR]**; 20, rue Chateaubriand, F-35220 CHATEAUBOURG (FR).
- (81) Designated States (*national*): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (*regional*): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**
- Published:**
— *with international search report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **METHOD AND DEVICE FOR PROCESSING DIGITAL DATA**

(57) **Abstract:** The invention relates to a device and a method for processing digital data descriptors stored in the form of description units (25, 35) of predetermined size. The method is such that :- description units (25, 35) are constructed and stored in memory buffers (20, 30, 300a, 300b, 300c, 300d) prior to their recording on a recording medium (11, 108),- description units (25, 35) are utilized simultaneously with the construction and with the recording of description units (25, 35) of the same stream,- one and the same memory buffer (20, 30, 300a, 300b, 300c, 300d) is used for the construction and the utilization of the description unit (25, 35). Application to methods of delayed reading.

WO 2004/013859 A1